

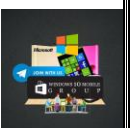
All the Installers to Install Appx/bundle to W10M devices.



Requirements

- W10M Device running AU or above Build.

Windows 10 Mobile (Lumia) Group :- <https://t.me/Windows10Phone>





W10M Group YouTube Channel



Apart from these documented Guides, we have started the roll up of Video Versions of each guide in our YouTube Channel.

Don't forget to **like** and **subscribe** !

How to Install APPX/Bundle Packages in W10M (All Methods)



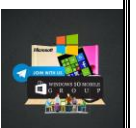
You can follow this video guide if you prefer video guidance over this documented guidance.



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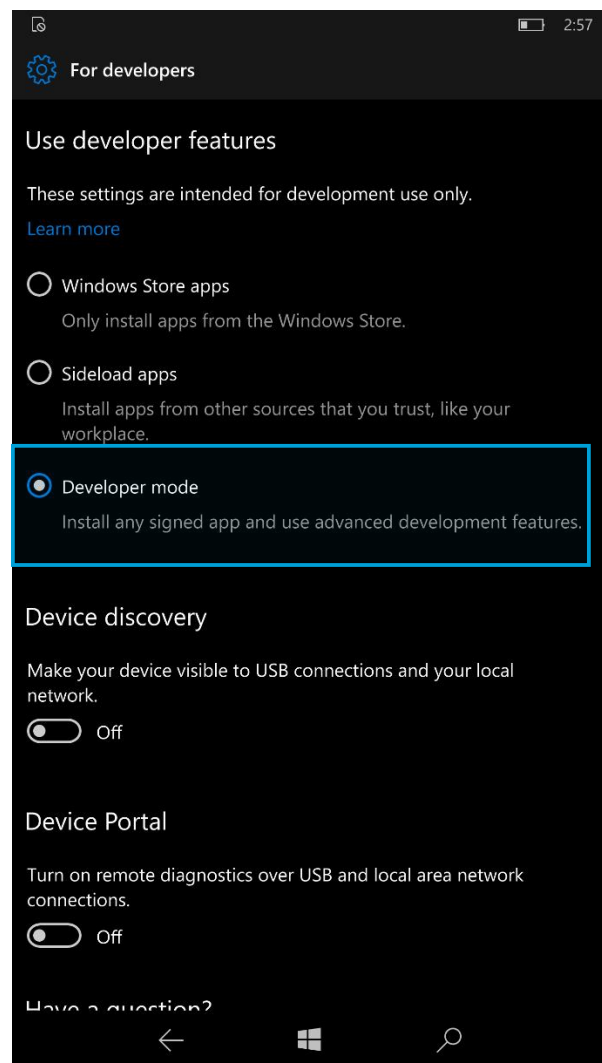
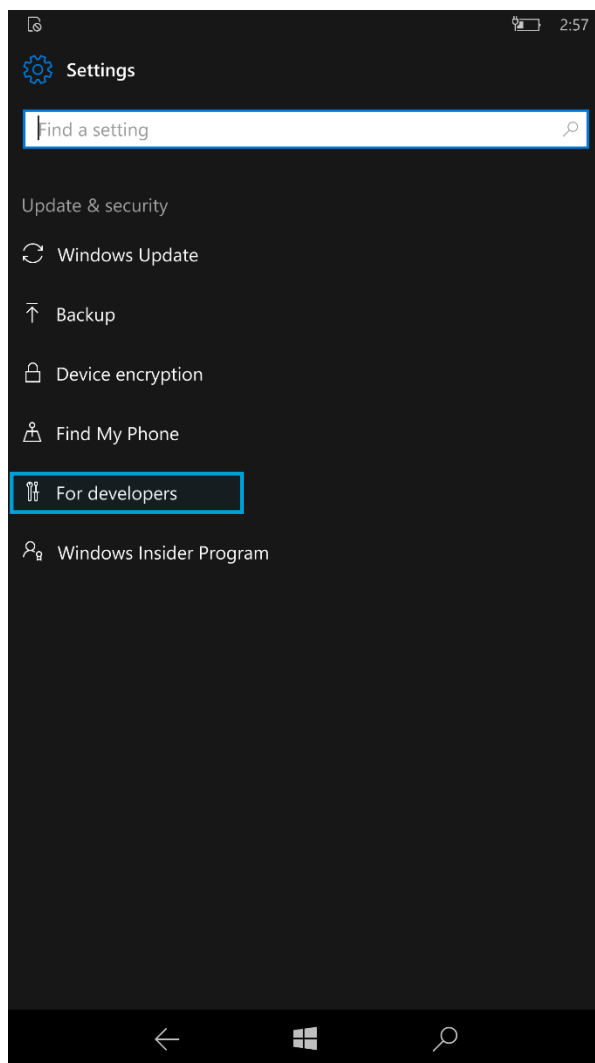
Preparations

> Turn on Developer Mode in your W10M Device

For that, go to;

Settings → Update & Security → For Developers

Then enable the third option which is called “Developer Mode”.



In-Built App Installers in W10M Devices

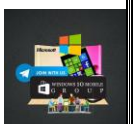
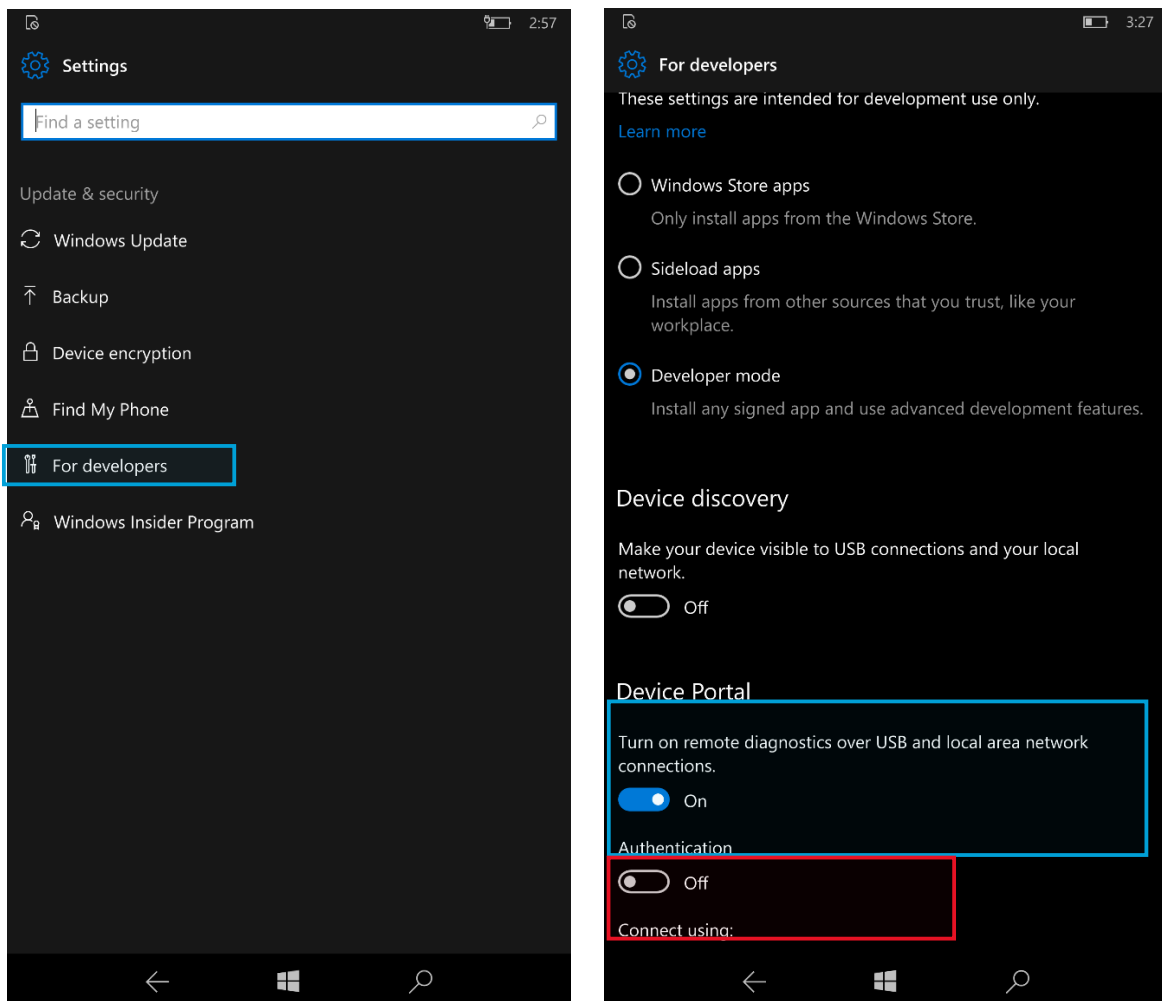
1. Microsoft Device Portal

Microsoft Device Portal is an advanced Diagnostic Hub service which started with 1511 Versions of W10M.

Supported W10M Builds	Unsupported W10M Builds
W10M 1511, 1607, 1703 & 1709 Builds.	W10M pre early technical releases.

Installation/Set-Up

- > Go to “Settings → Update & Security → For Developers” and enable “Device Portal” Setting.
- > Turn off “Authentication” setting that appeared after enabling “Device Portal” toggle.



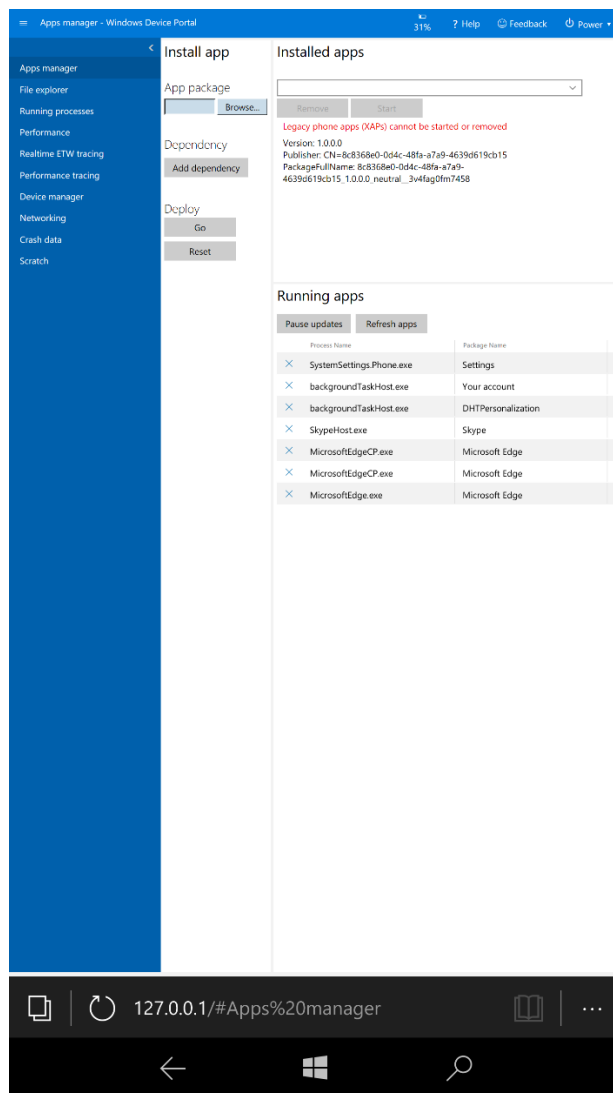
> Now you can access Device Portal using PC and Mobile, but I will only explain how to access Portal through Mobile browser without PC & also without any Wifi network.

Want more info about every ways to access portal ?

Here's the official Documentation :- <https://docs.microsoft.com/en-us/windows/uwp/debug-test-perf/device-portal-mobile>

> Now go to Microsoft Edge browser in your W10M Device & Copy paste this URL into the address bar and run it ;

<http://127.0.0.1>



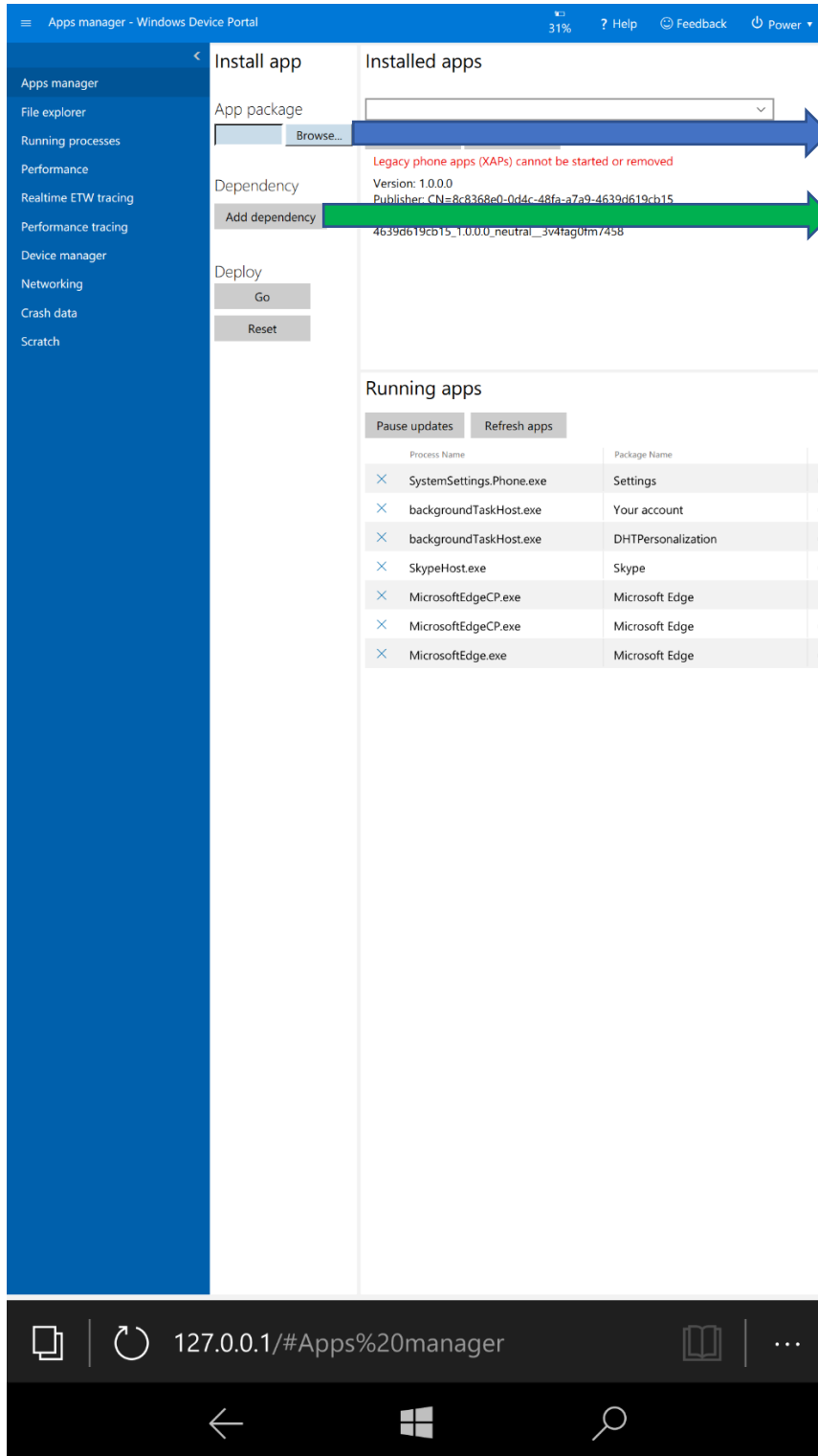
> That's it, you have Device Portal straightly in your Mobile Device without a PC.

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How to Use to Install Apps

> Now Let me clarify which files you need to add into each box.



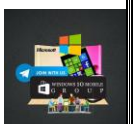
Add the Appx/Bundle File of the app you are going to Install.

Add "Dependencies" if came with the App you are going to Install.

Some example Dependencies :-

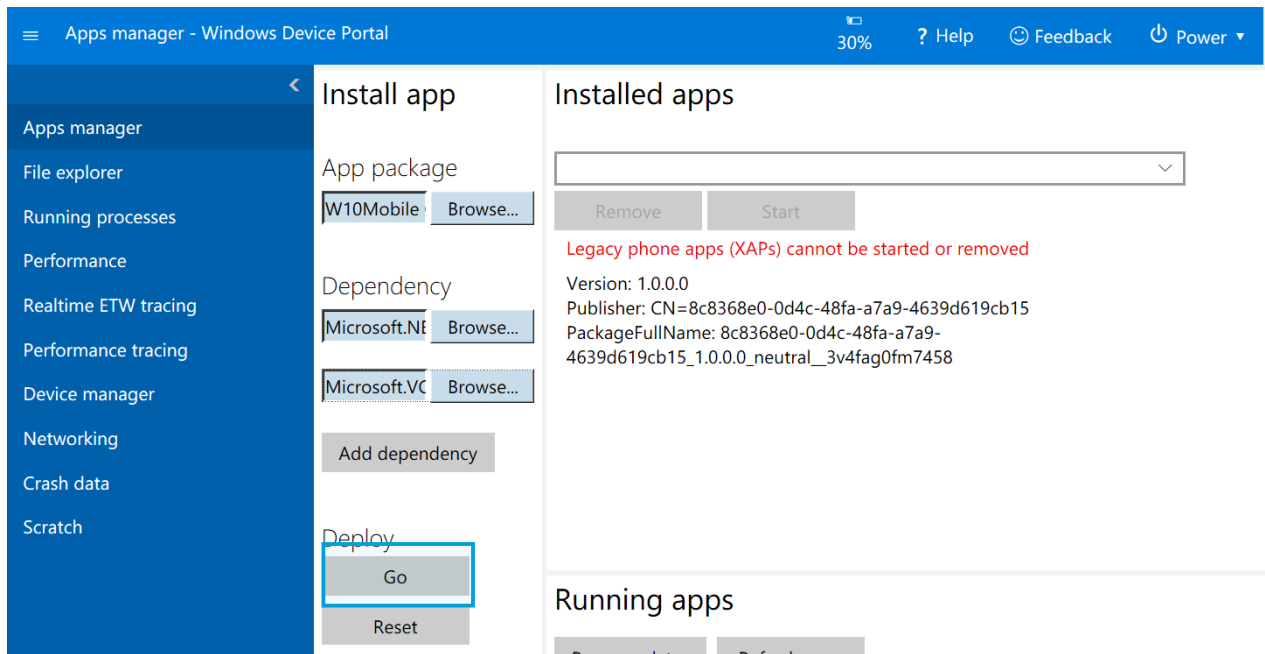
- Microsoft.NetCore.Runtime
- Microsoft.VCLibs
- Microsoft.Net.Framework
- Etc.....

You can continue without selecting Dependencies, but if the System already don't have those installed, the app will not fail and ask for the Dependency in the error code.

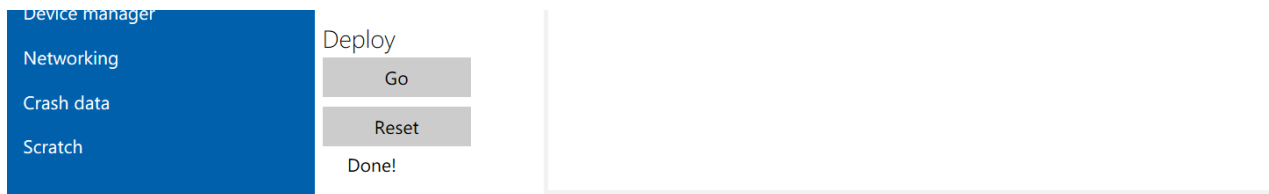


Here's an example App Installation using Device Portal, the app is :- W10M Group app

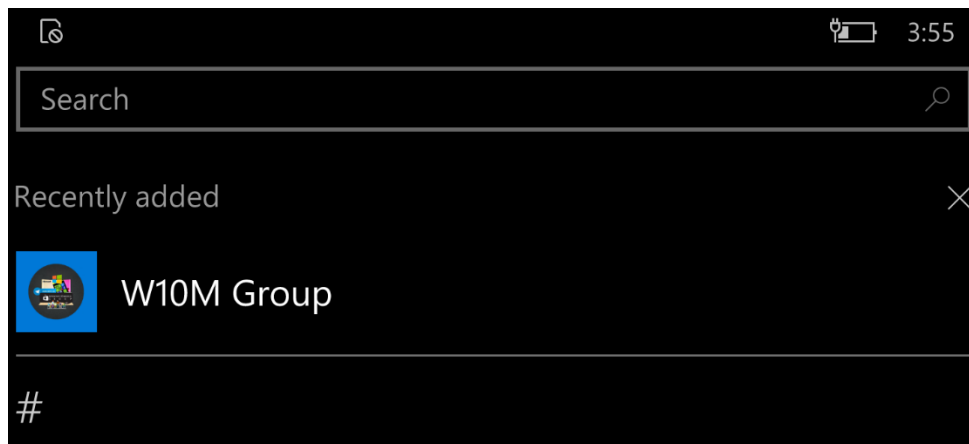
> When you select the App package and Dependency Packages, Click "Go" button



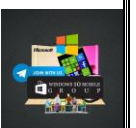
> It will display "Installing", and when finished, it will display "Done!".



> Now go to your App List, it will show the app in "Recent Installs"



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2. Microsoft Enterprise Installer.

Microsoft Enterprise Installer is the default App Installer Built in to the W10M Devices.

Installation/Set-Up

Nothing, it's Built in.

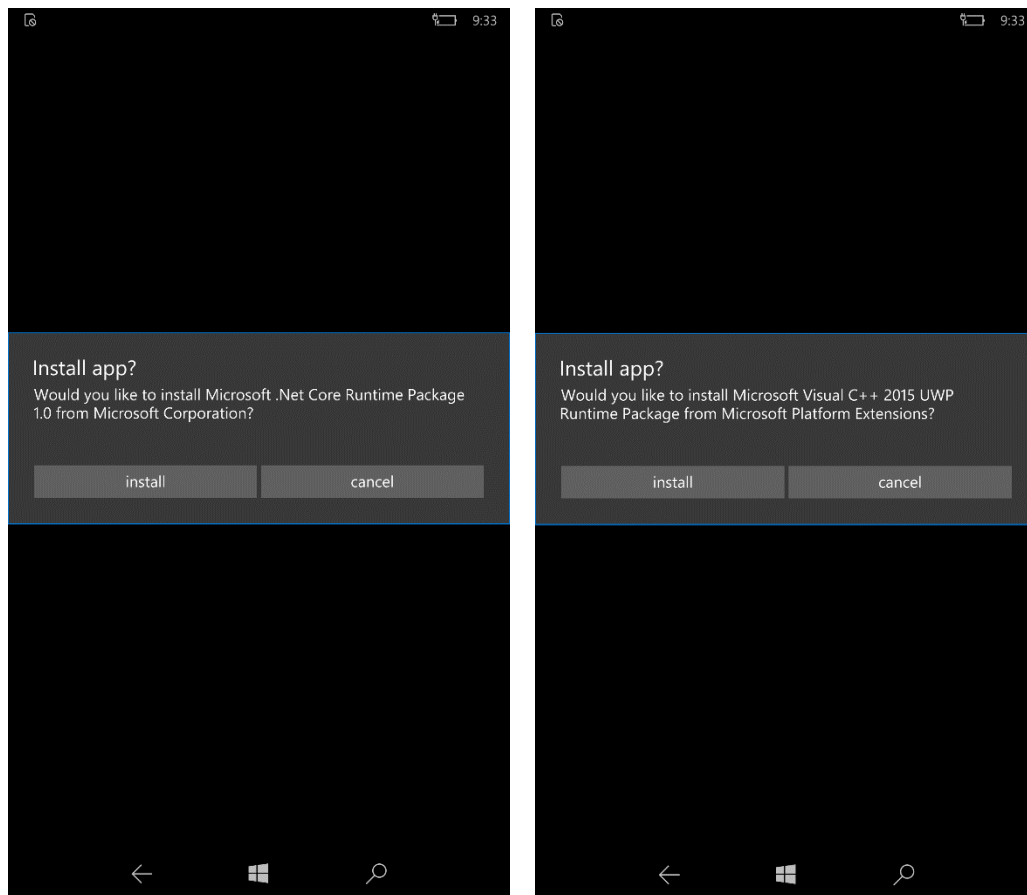
How to use to Install Apps

> Copy the app you want to Install to your phone.

> Now open File Explorer in your W10M Device and navigate to where you copied them.

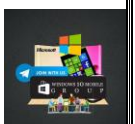
> Now first Install all the "Dependencies" one by one (Only if there are)

Simply click on each of them, and click Install.

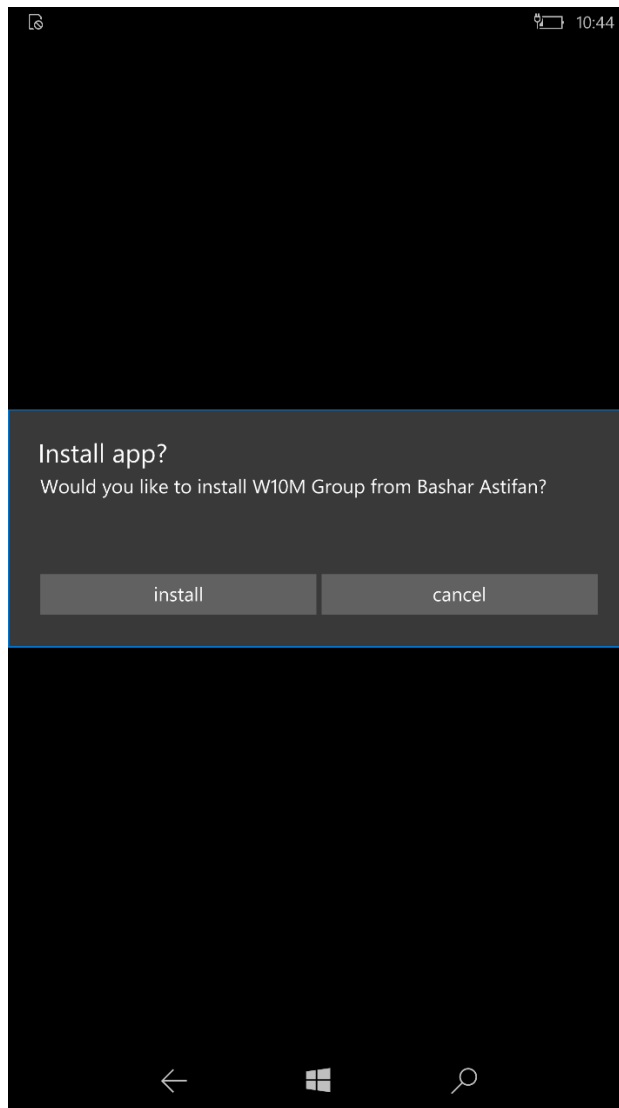


(Sample Dependency Installation screens...)

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> Then after all the dependencies are installed, install the Appx/bundle of the app you are going to Install.



(Sample app :- W10M Group)

> It will take up to 10 seconds to finish installing, when it's done, it will appear in App list.

Additional Notes

- This is a very simple app installer which will only cover the basics.
- It lacks a progress bar and it will not inform you if the app successfully deployed or not.
- You can't determine the cause of failure of an app Installation by this Installer.



External App Installers for W10M Devices

There are a lot of external solutions for App Installation from both first party and third party.

You will need to sideload them, use any of the above two In-Built Installers described above.

1. Microsoft App Installer (Recommended)



Microsoft App Installer is the best App Installer among all other options, it outclass all others with its powerful features that makes the App Installing more convenient.

Supported W10M Builds	Unsupported W10M Builds
W10M 1607 and all above Builds. (Maximum Compatibility is CU (1703) and above builds)	W10M 1511 & All other previous builds.

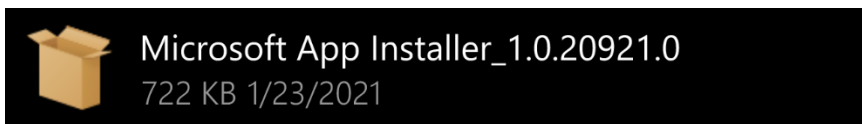
Installation/Set-Up

> Download the Full package with Dependencies from W10M Group app or via this direct link from the repo :- <https://mega.nz/#F!vQxAiDoJ!gNx7qmQN8wTaOP3d4s5x3Q>

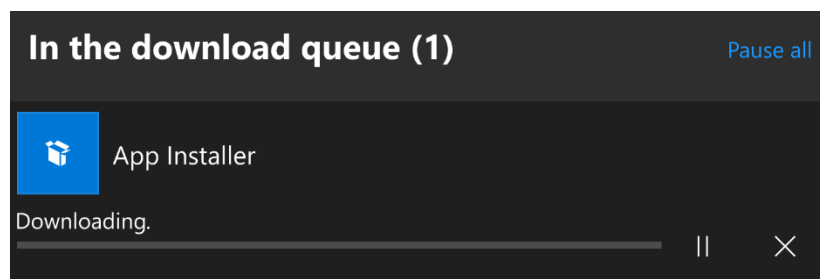
> Extract the zip & First Install all the Dependencies



> Then Install "Microsoft App Installer_1.0.20921.0.Appx"



> Then go to Microsoft Store & Check for Updates, there will be an Update to App Installer, Update & Restart the phone.



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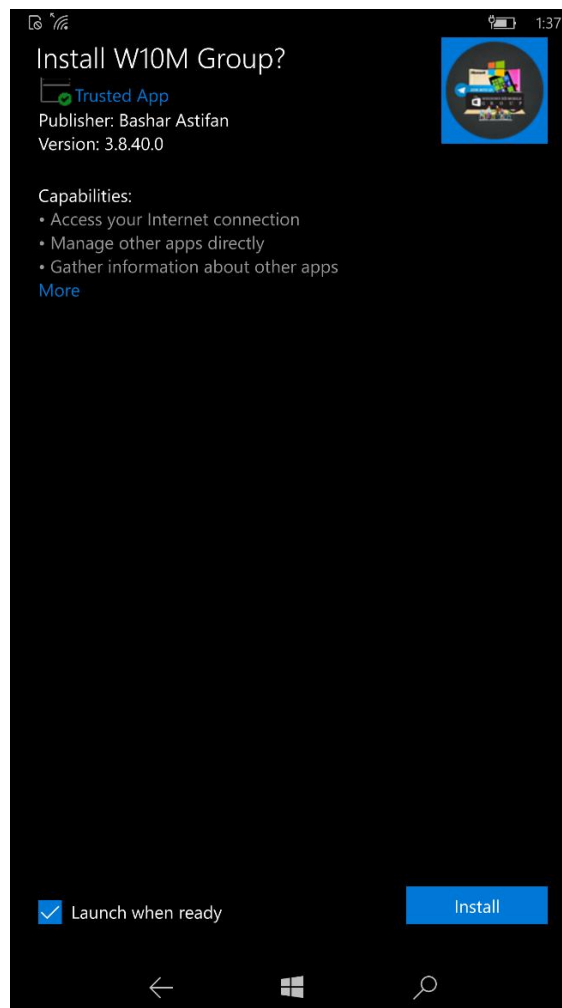
How to use to Install Apps

Features

- Background Service
- Auto Dependency Download (When has Internet Connection)
- Notification Support
- Progress Bar + Error Reporting

> Connect your Mobile to Celluler or Wifi Data connection

> Then Open the Appx/Bundle file of the app you want to Install & Click Install (Choose App Installer from the selection Menu to choose between App Installer and Enterprise Installer)



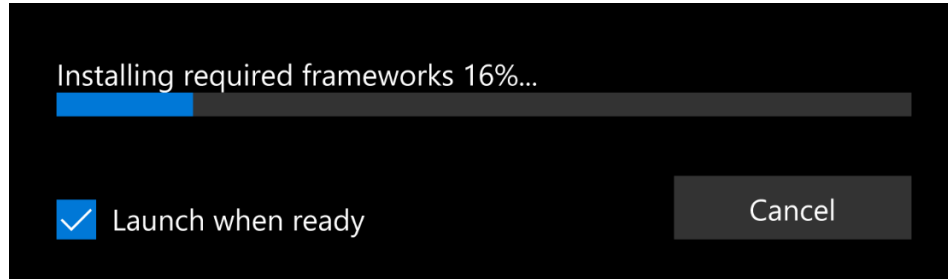
If you like the Currently Installing app to auto open when finished installing, keep that “Launch when ready” tick active.

If you remove the tick, you will get a notification saying the App is ready to launch.



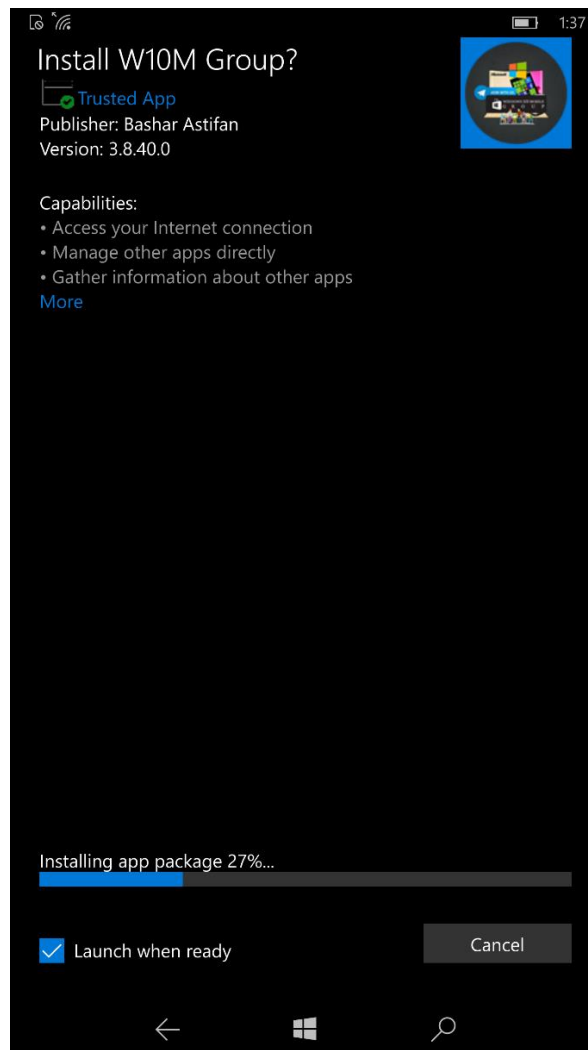
If the Installation is halted in 16%, it means the App Installer is downloading the Dependencies from MS Servers.

You need a good Internet connection and the duration depends on the quality of the internet connection.



> It will send you notifications when it's finished installing each dependencies it downloaded in background.

When all the Dependencies are Installed automatically, it will progress beyond 16%.



Extras

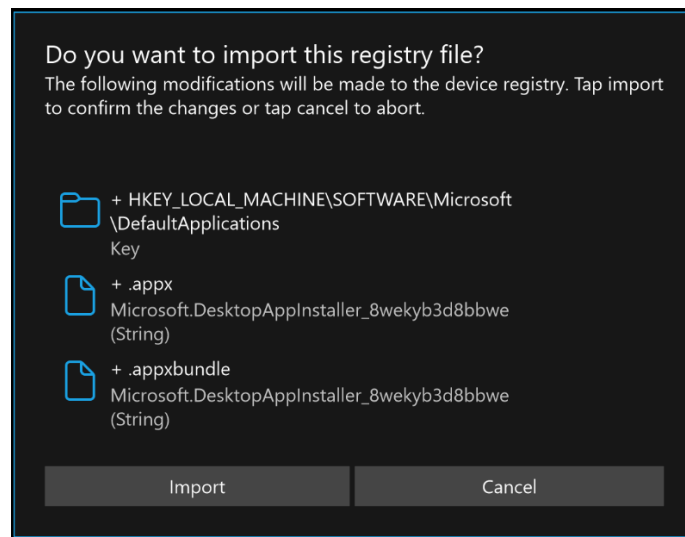
> In the downloaded “Microsoft App Installer.zip” file, you will find a folder named as “Extras” and it will include two files.

1. Set_As_Default_AppxOrBundle_Installer.reg file

> This file will make App Installer the default Installer for the Appx and AppxBundle Packages.

Through this there will be no more selection menus when opening Appx/Bundle files

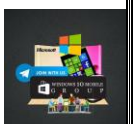
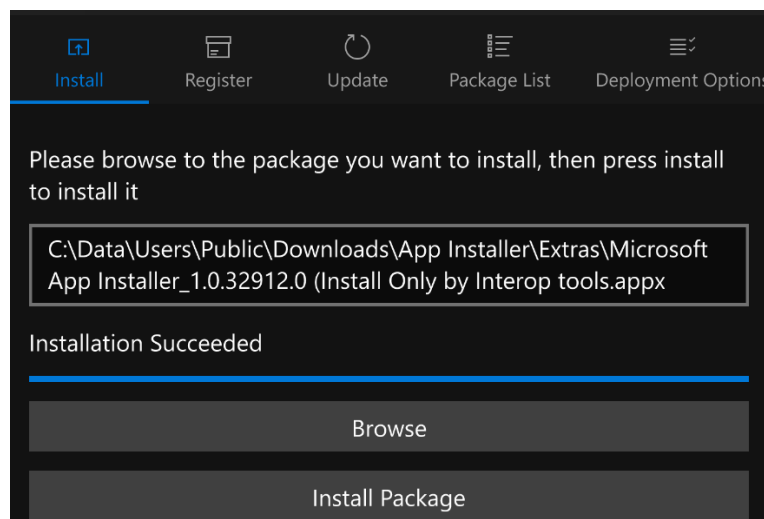
> Import it using Interop Tools and Restart the device.



2. Microsoft App Installer_1.0.32912.0 (Install Only by Interop tools).appx

> Latest App Installer version with added Splash screen with changed assets.

> Install it using Interop Tools after uninstalling the Installed version (Importing the above reg is needed)



2. Package Installer

This is a third party Installer developed by Colinkiamo.



Supported W10M Builds	Unsupported W10M Builds
W10M 1511, 1607, 1703 & 1709 Builds.	W10M pre early technical releases.

Installation/Set-Up

> Download the ARM complete Package with Dependencies from here ;

https://mega.nz/#!DE5yTJLZ!Q0b9C_RUoYfnYRE13INAn9STTpcZ0sn2zu68Ijnhql4

> Extract the Zip

> First Install the three Dependencies



Microsoft.NET.Native.Framework.1.7
 2.69 MB 7/28/2017




Microsoft.NET.Native.Runtime.1.7
 212 KB 8/28/2017



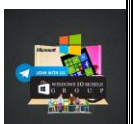
Microsoft.VCLibs.ARM.14.00
 756 KB 1/3/2020

> Then Install the UWP Package Installer Appx Package.



UWPPackageInstaller_1.9.6.0_ARM
 558 KB 3/25/2020

(You can use any of the above methods to Install the package, if you are using App Installer, you can skip Dependency Installation)

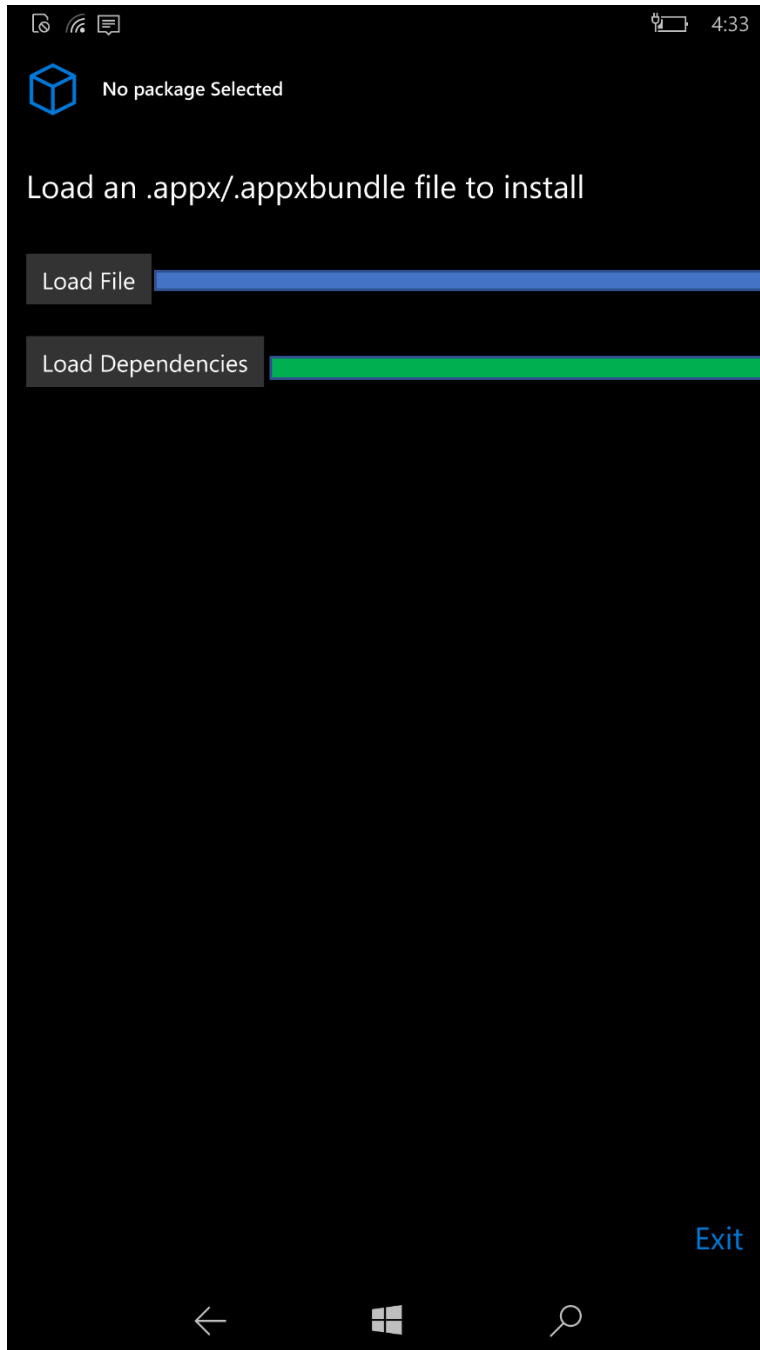


How to use to Install Apps

> Just like "Microsoft Device Portal", this Installer let you select Files you need to Install.

Features

- Progress Bar
- Local Dependency Install along with main package
- Notification Support



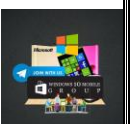
Add the Appx/Bundle File of the app you are going to Install.

Add "Dependencies" if came with the App you are going to Install.

Some example Dependencies :-

- Microsoft.NetCore.Runtime
- Microsoft.VCLibs
- Microsoft.Net.Framework
- Etc.....

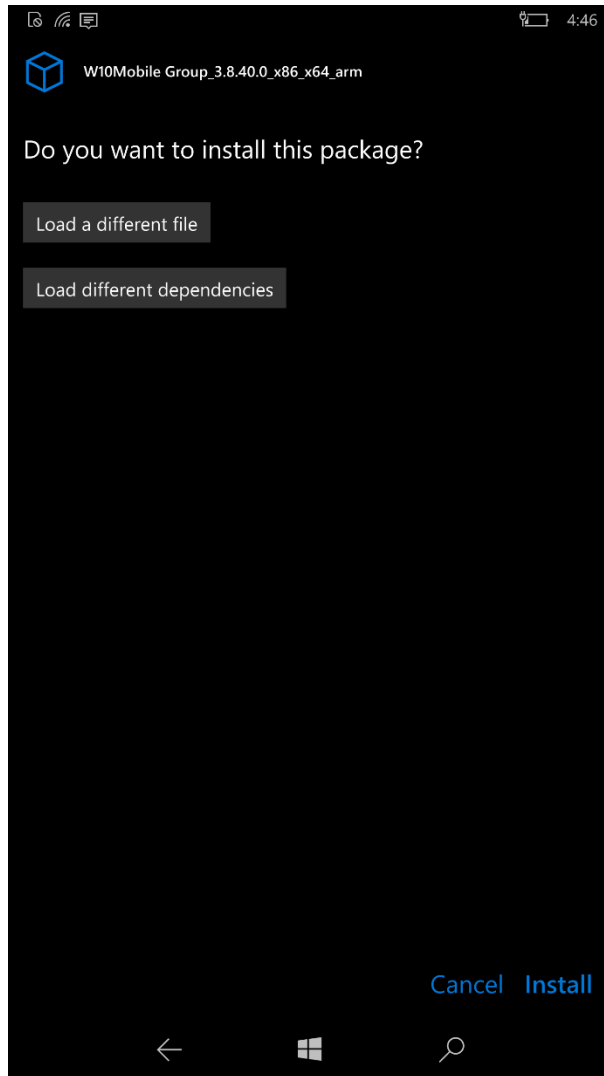
You can continue without selecting Dependencies, but if the System already don't have those installed, the app will not fail and ask for the Dependency in the error code.



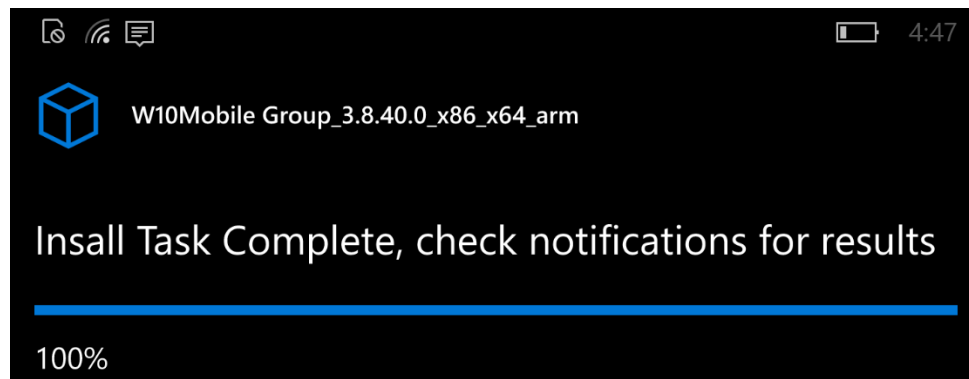
Here's an example screen of using Package Installer to Install W10M Group app

> When you selected the Package + Dependency Packages, click Install.

(You will get a notification when starting to Install)



> When completed, it will send a notification stating the installation is finished.



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Extras

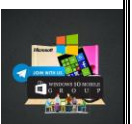
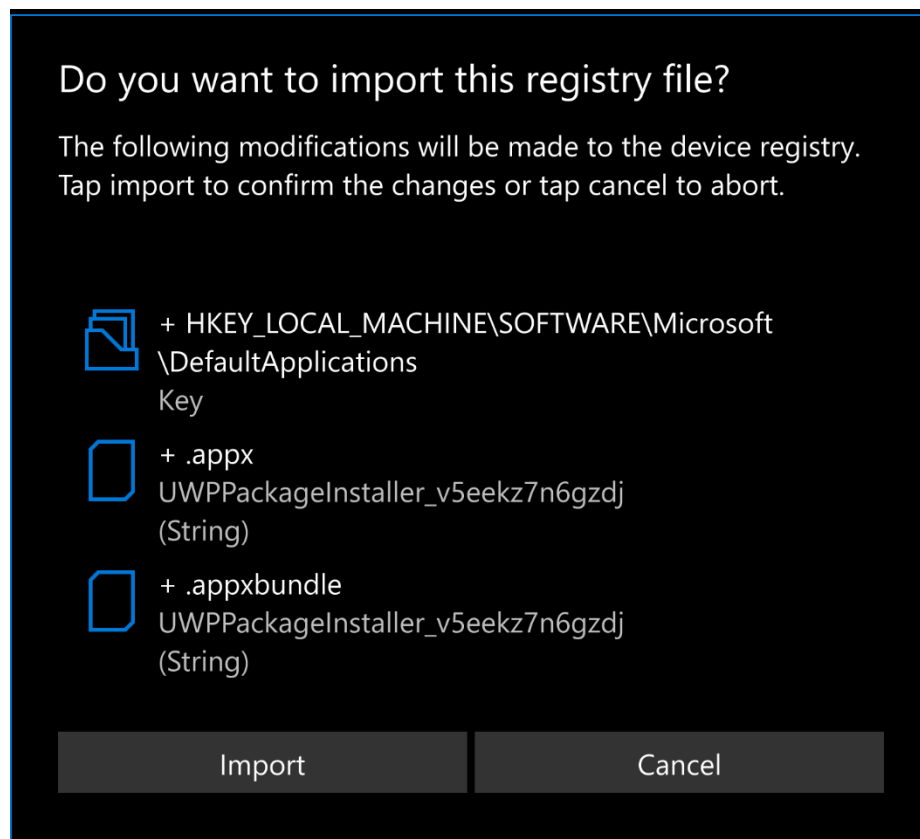
> In the downloaded "UWPPackageInstaller_1.9.6.0_Arm.zip" file, you will find a folder named as "Extras" and it will include one Reg file

1. Set_As_Default_AppxOrBundle_Installer.reg file

> This file will make Package Installer the default Installer for the Appx and AppxBundle Packages.

Through this there will be no more selection menus when opening Appx/Bundle files

> Import it using Interop Tools and Restart the device.



3. Interop Tools

Interop tools is an Advanced All in One app that can be used to Install Applications too.

Developer is the well known Gustave Monce.



Supported W10M Builds	Unsupported W10M Builds
W10M 10240 and all above Builds (1511,1607,1703,1709)	W10M pre early releases than technical Release 10240.

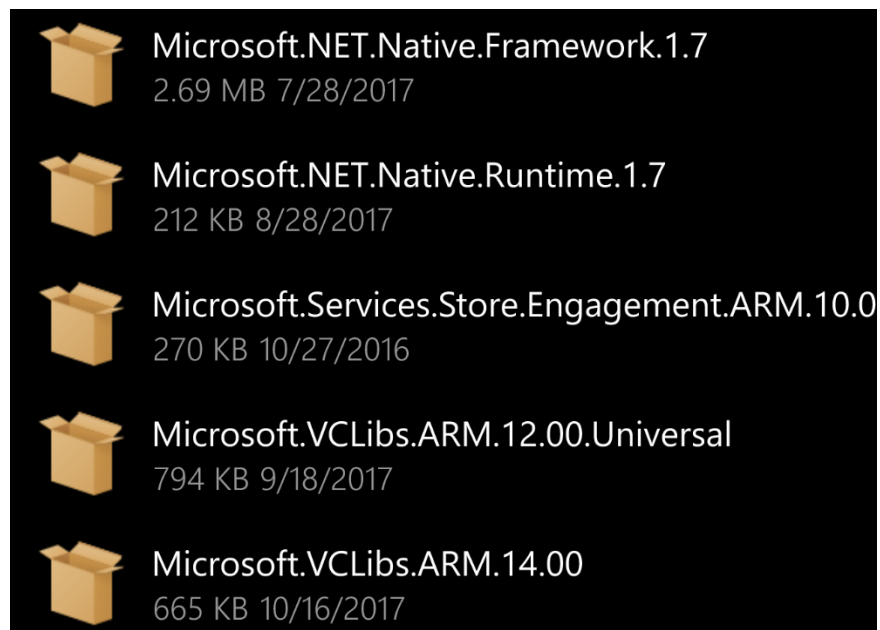
Installation/Set-UP

> Download the full package with Dependencies from here ;

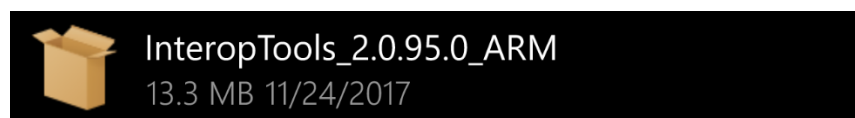
<https://mega.nz/#!bEphGa6b!w8ub6HUbdDtBHkLQmUjudayKjrKlmlh5fQEJd6nKq1Q>

> Extract the Zip

> First Install the three Dependencies

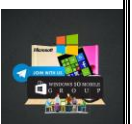


> Then Install the UWP Package Installer Appx Package.



(You can use any of the above methods to Install the package, if you are using App Installer, you can skip Dependency Installation)

Windows 10 Mobile (Lumia) Group :- <https://t.me/Windows10Phone>

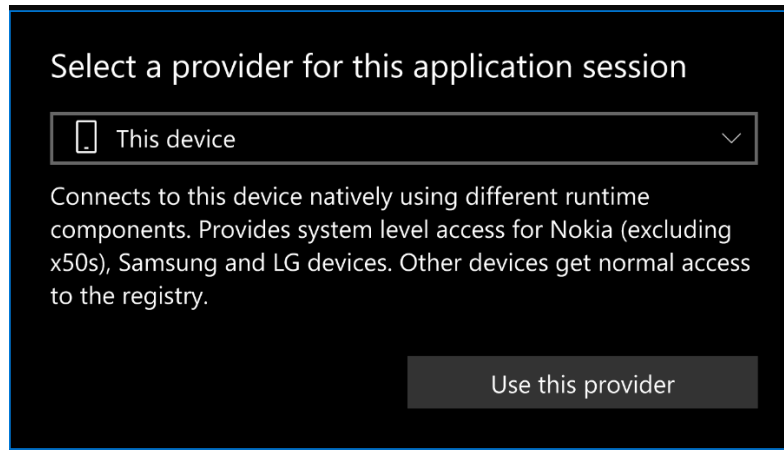


How to use to Install Apps

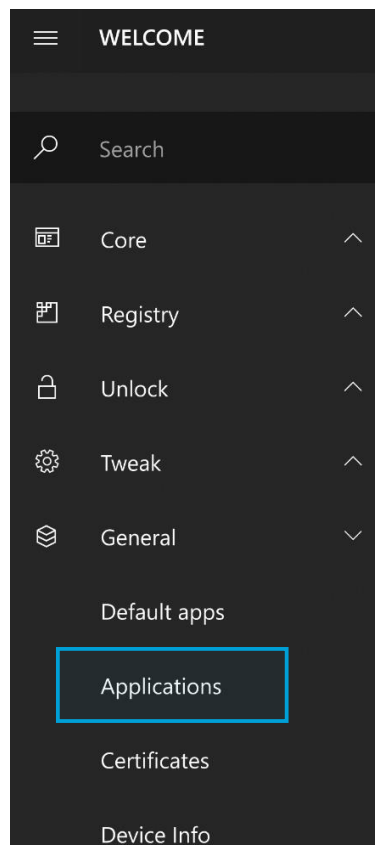
Features

- Application Install, Register & Update support.
- Progress Bar + Error Reporting

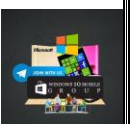
> Open the App and choose “This Device” and click “Use this Provider”



> Then open Hamburger Menu (Side menu) and expand “General” and Click “Applications”

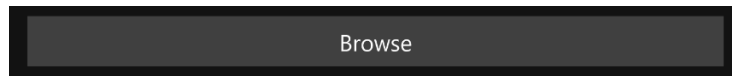


Windows 10 Mobile (Lumia) Group :- <https://t.me/Windows10Phone>

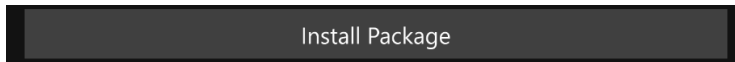


> Now click on “Install” section there (Or slide left)

> Click on “Browse” to select the package you want to Install.

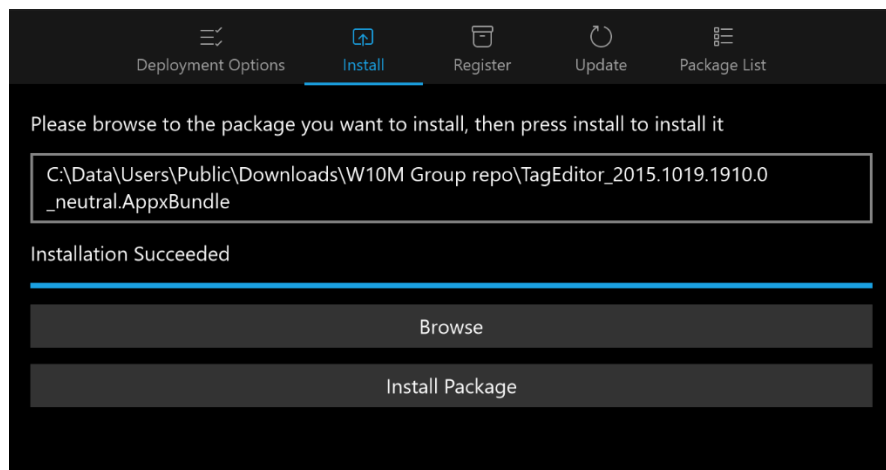
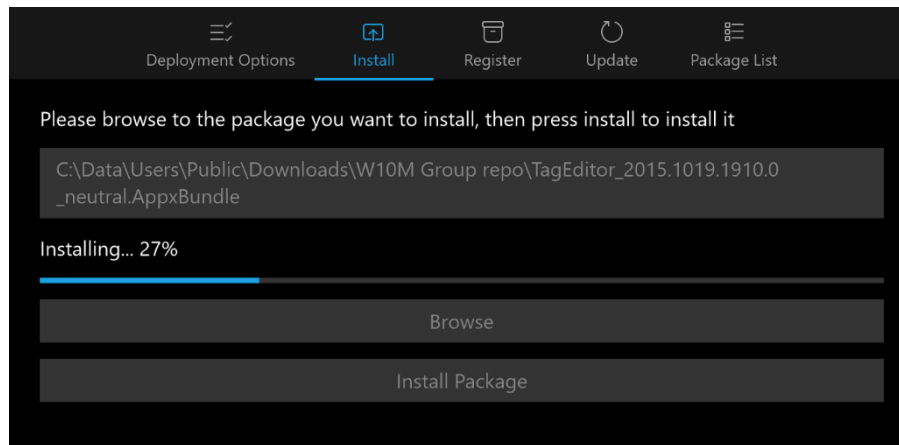


> Then click “Install Package” to Start Installing the selected Package.

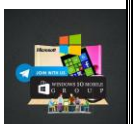


If there are Dependencies in the package you are trying to Install, install them first one by one by selecting and installing each just like you install any other appx, there is no separate dependency install, they are treated as the same in this installer.

Here’s a sample App Installation screen of Interop tools.



> It will show the Progress and the error code if the Installation is a failure.



Additional notes

- The most featurerich Installer is the Microsoft App Installer so it's recommended one above all others.
- For Normal App Installations, Developer Mode should be enough, but since we are living in an age where Official Support is dropped, we need to go beyond official Capabilities.
Hence I recommend you to Interop Unlock your Device (There are guides to unlock every type of device in W10M Group app).

Notice

- Microsoft for Device Portal, Enterprise and App Installer.
- Colinkama for UWP Package Installer
- Gustave Monce for Interop tools

Thank you and have a Good day !



_____ *Lasitha Samarasinghe* _____

